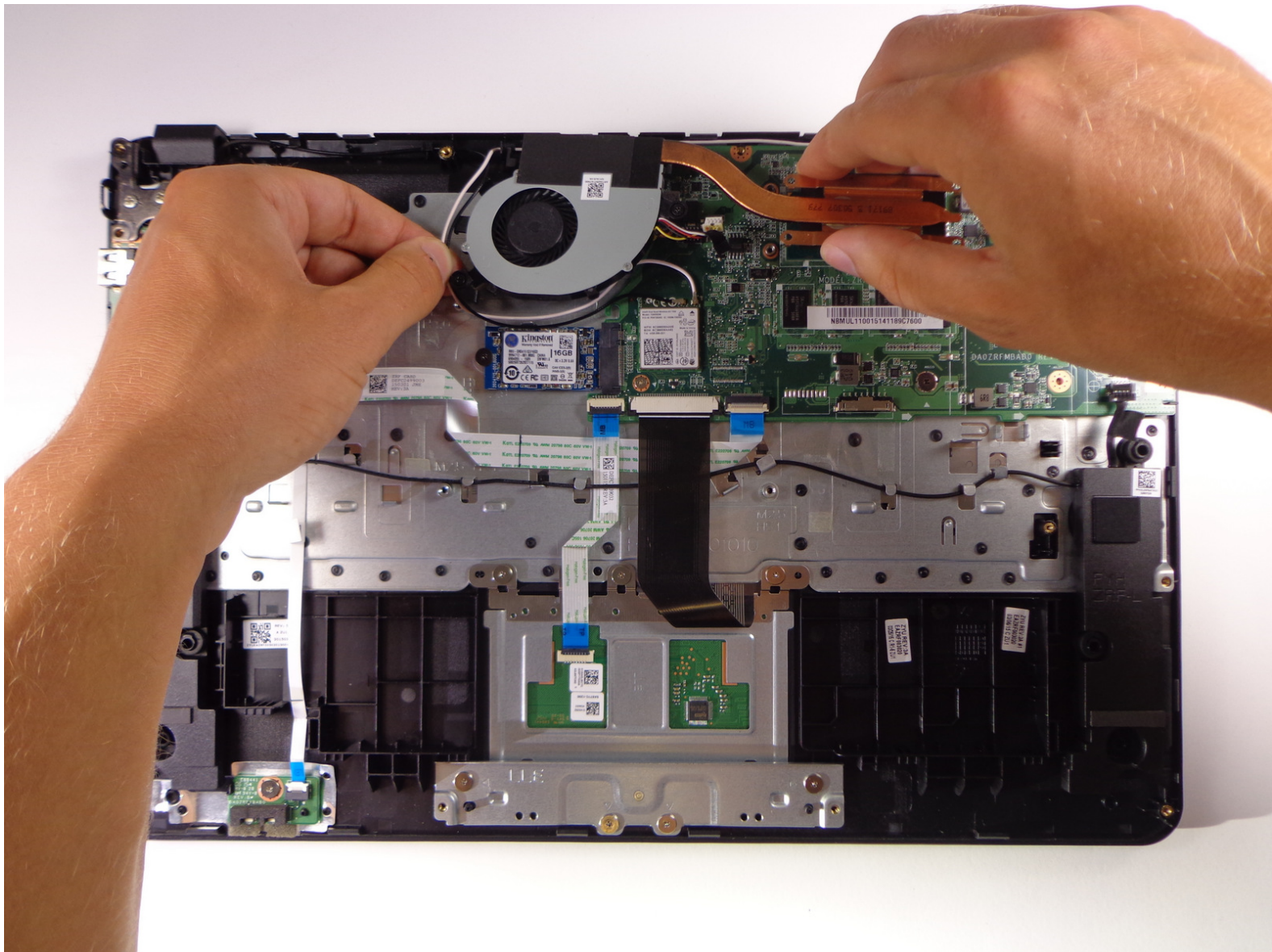




# Acer Chromebook 15 C910-C453 Fan Replacement

This guide will show you step by step how to remove and replace the fan in the Acer Chromebook 15 C910-C453.

Written By: Jacob Rakestraw



## INTRODUCTION

If your Chromebook is overheating, it may be a good idea to replace the fan.



### TOOLS:

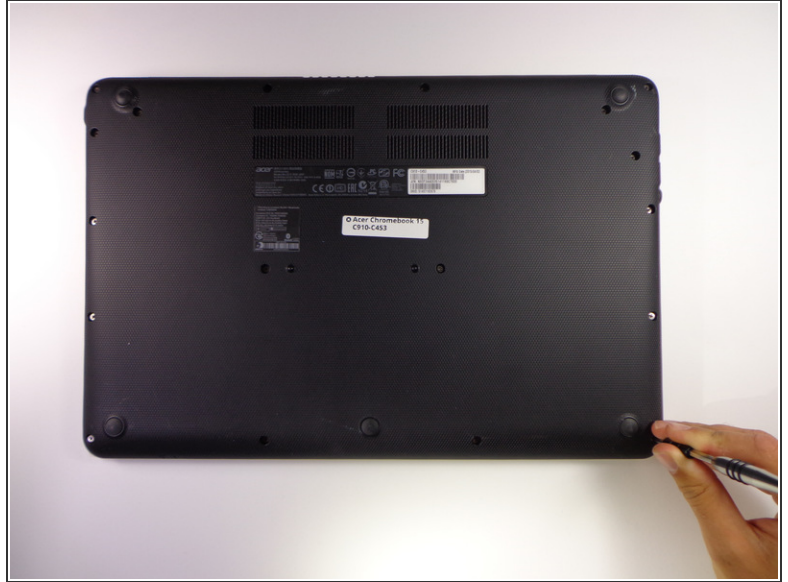
- [Phillips #1 Screwdriver](#) (1)
- [iFixit Opening Tool](#) (1)
- [Spudger](#) (1)



### PARTS:

- [Acer Chrome C910-C453 Genuine CPU Fan 4-Pin EF40050S1 & Heatsink SOL34ZRFTATN10](#) (1)

## Step 1 — Battery



- Turn the Chromebook onto its backside and unscrew the the following Phillips #1 screws:
  - Sixteen 5mm Phillips screws located around the border.
  - Two 5mm Phillips screws located in center.

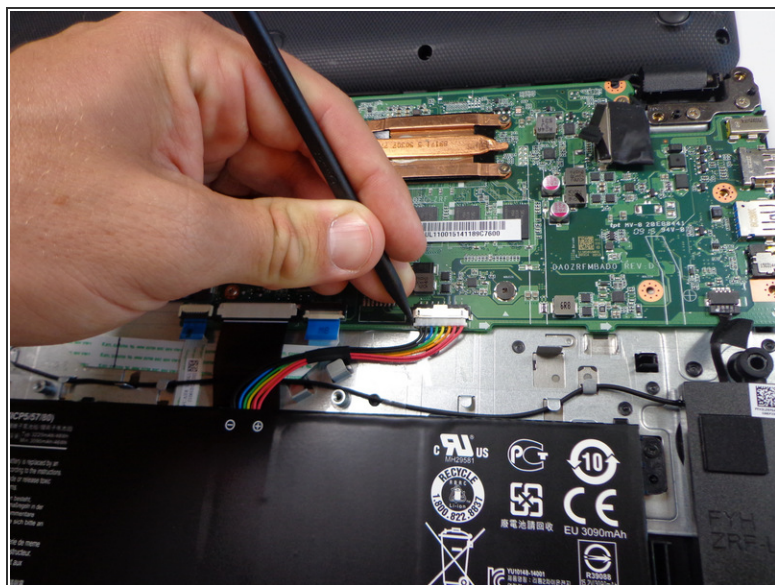
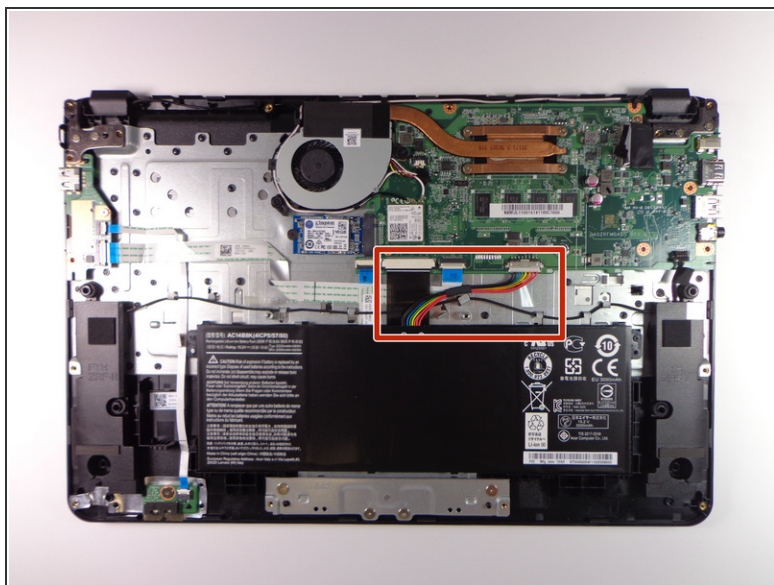
## Step 2



- Remove the back cover by carefully prying each side with an iFixit Opening Tool.
- Set aside back cover.

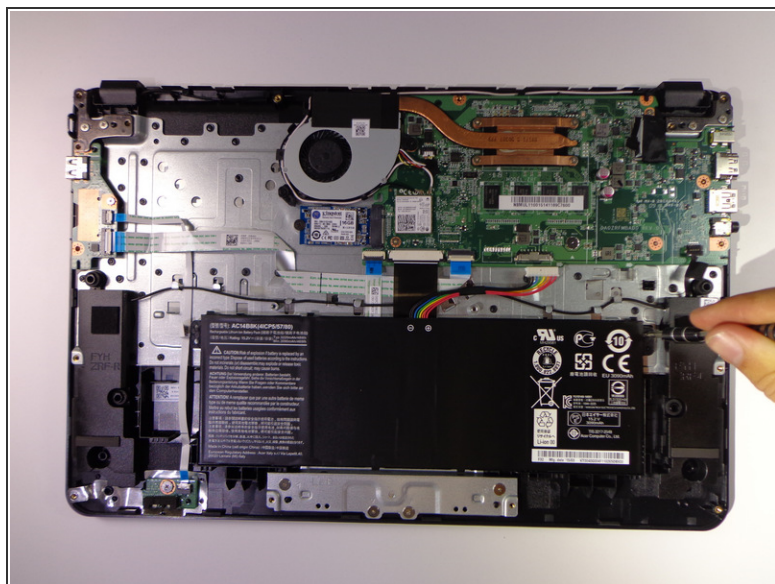
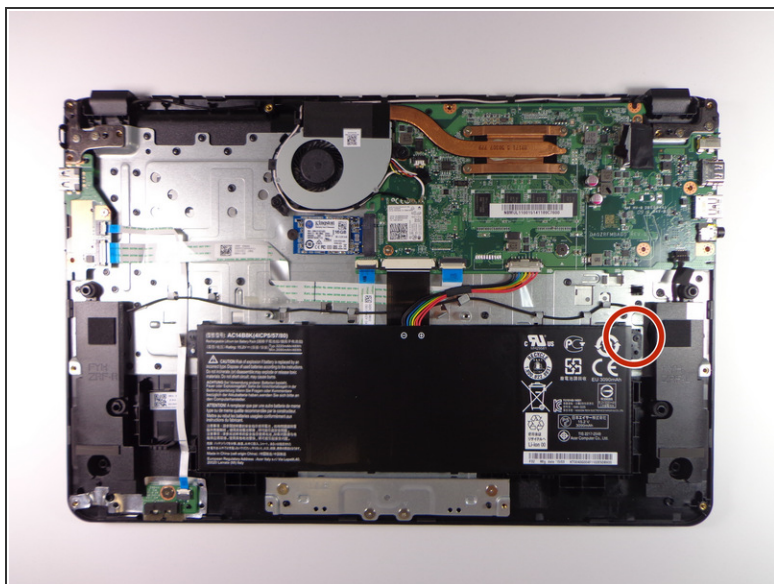


## Step 3



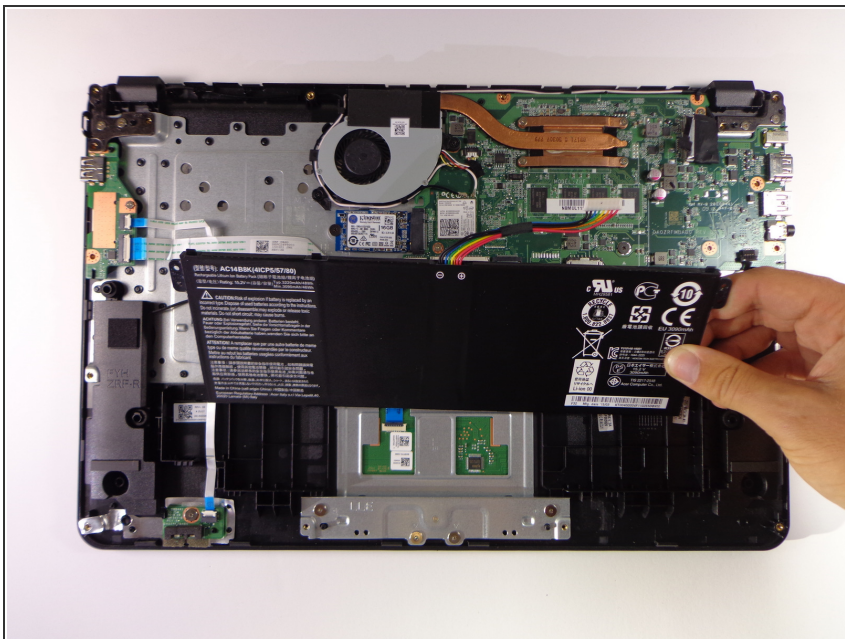
- Using a spudger, carefully unplug the rainbow wires connected to the top of the battery.

## Step 4



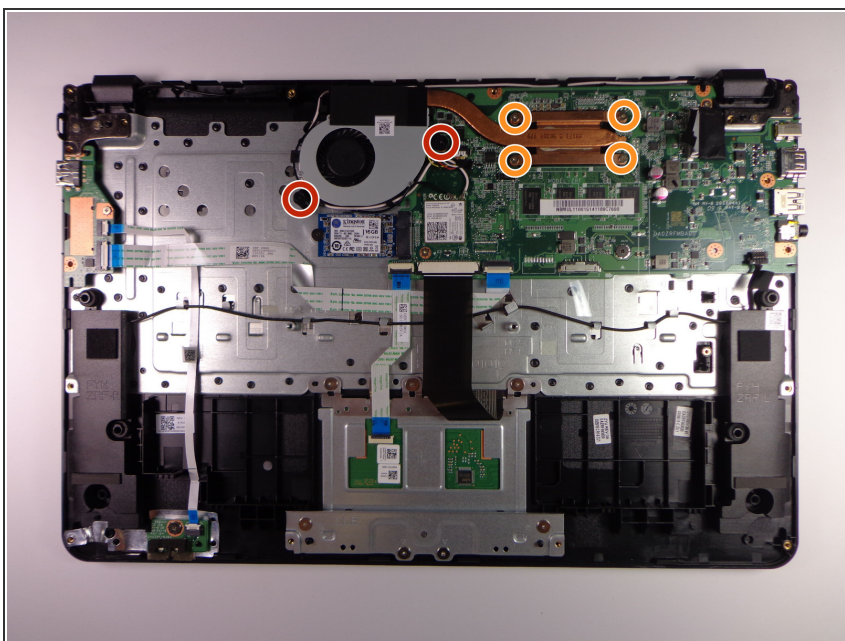
- Unscrew the 4mm Phillips #1 screw located at the top right of battery.

## Step 5



- Remove the battery.

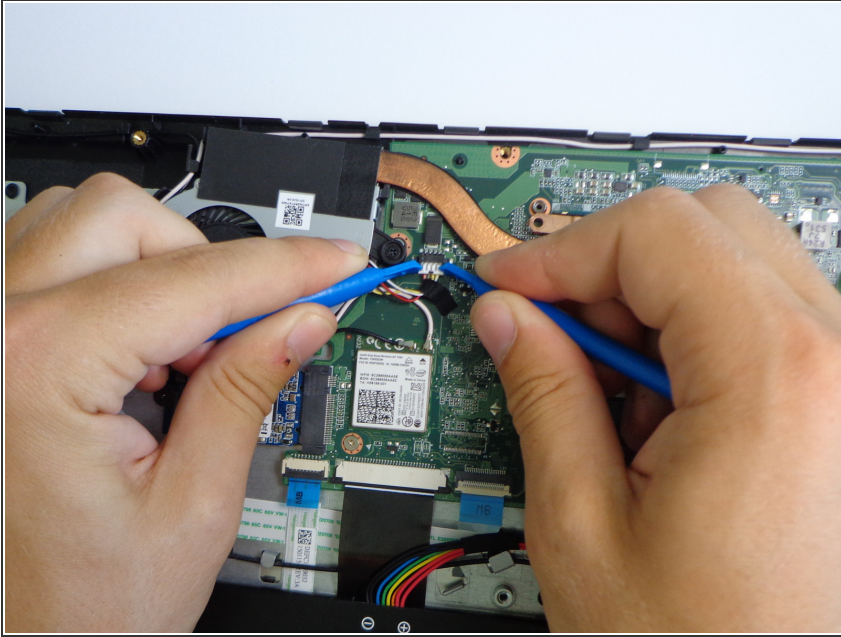
## Step 6 — Fan



- Unscrew the following Phillips #1 screws:
  - Two black 4mm Phillips screws located on the fan.
  - Four copper 4mm Phillips screws located on the heat sink.

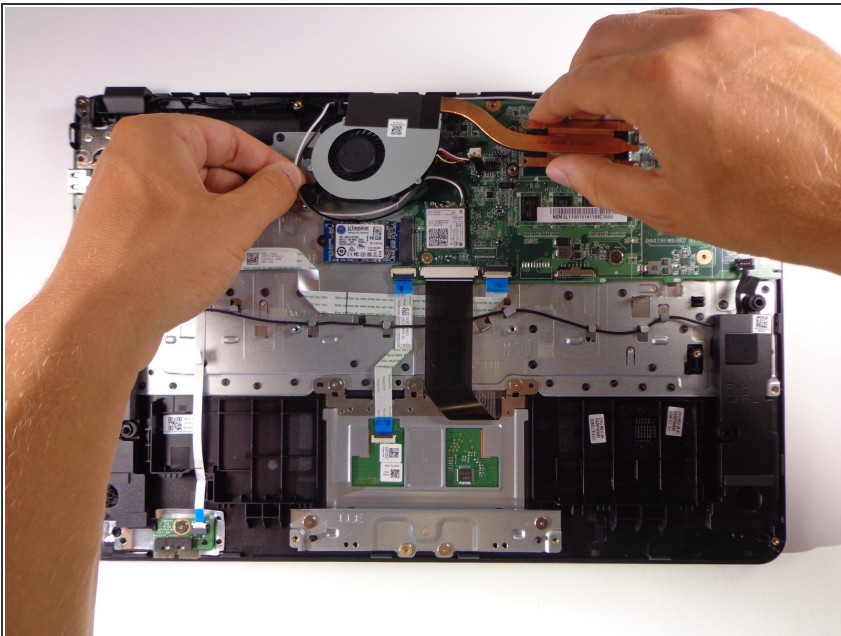


## Step 7



- Disconnect the fan from the motherboard by pulling down on the wire connector with two iFixit Opening Tools.

## Step 8



- Lift up the fan while unwrapping the black and white wires from around the fan.
- ⚠ Do not pull wires off of the motherboard.
- Remove the fan.

To reassemble your device, follow these instructions in reverse order.

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